

ZABIROV, Sh.M.

Importance of anatomic and morphological characteristics of the  
structure of the leaf in the resistance of beets to the spinach  
leaf miner. Sbor. trud. asp. i mol. nauch. sotr. VIR no.5:261-  
262 '64. (MIRA 18:3)

ZABIROV, Sh.M., mladshiy nauchnyy sotrudnik

Beet variety resistant to spinach leaf miner. Zashch. rast. ot vred.  
i bol. 9 no.12:16 '64. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva.

ZABIROVA, G.I.

Effect of antibacterial preparations given to the pregnant guinea pig on histomorphological changes in the organs of the fetus.

Trudy KirgNOAGE no.2:201-203 '65. (MIRA 18:11)

1. Is nauchno-issledovatel'skogo instituta zdravookhraneniya i detstva (dir. - kand.med.nauk A.A.Il'in) nauchnyye rukovoditeli prof. M.N.Lekhtman, prof. Ye.A.Stegaylo i starshiy nauchnyy sotrudnik Ye.A.Finkel'.

CHAYKA, V.M.; KHAYRETDINOV, I.A.; ZADIIYAKA, A.T.; BARMINA, A.A.

Detrital accessories and the petrogenesis of granites in the  
Yenisey range. Geol. i geofiz. no.12:134-140 '64.

(ИИГ. 18:6)

I. Krasnoyarskaya kompleksnaya laboratoriya Sibirekogo otdeleniya  
AM SSSR.

ZABIYAKA, A.I.; ZABIYAKA, I.D.

Gold potential of the Balyksa region. Mat. po geol. i pol.iskop.Kras.  
(MIRA 17:2)  
kraia no.3:239-241 '62.

ZABIYAKA, A.I.; ZABIYAKA, I.D.

Gold potential of the Balyksa region. Mat. po geol. i pol. iskop. Kras.  
(MIRA 17:2)  
kraia no. 3:239-241 '62.

ZABIYAKIN, G. I., Master Tech Sci (Diss) "Gaging times intervals with a single-action spiral reamer." Moscow, 1957, 11 pp. (Moscow Engineering Phys Inst), 110 copies (sl, N. 40, 1957, p.92)

ZABIYAKIN, G.I.

AUTHOR: Zabiyakin, G.I. 115-5-31-44

TITLE: The Accuracy of Time Interval Meters with Spiral Scan (O tochnosti izmeriteley intervalov vremeni so spiral'noy razvertkoy)

PERIODICAL: "Izmeritel'naya Tekhnika", No 5, Sep-Oct 1957, pp 73-76 (USSR)

ABSTRACT: The article deals with evaluation of accuracy of time interval meters. The principles of cathode-ray tube measurements with the use of oscillographed spiral raster and with marks of the start and end of the measured time interval are considered. Formulas are derived for computation of possible errors caused by distortions of the spiral raster such as elliptical sweep, incorrect determination of center, egg-shaped sweep in the case of a second harmonic curve, near-rectangular shape in the case of a third harmonic curve, inaccuracy of the sweep time limits within the diameter of the cathode-ray tracing spot, photographic errors caused by inaccurate adjustments (non-parallelism of the screen plane of the tube with the plane of the photographic emulsion is mentioned as the most frequent cause of these errors). It is stated that in evaluation the accuracy of subject instruments, the errors connected with distortions of the raster must be taken into account in case when time marks are not employed, since the errors can exceed

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The Accuracy of Time Interval Meters with Spiral Scan

115-5-31/44

the magnitude of error within the width of the tracing line, but the use of the time marks considerably increases the accuracy and - if a circular sweep time exceeds the time between one pair of time marks from 20 times up - the overall accuracy of the instrument is practically determined by the width of the tracing line.

The article contains 3 diagrams and 1 reference (non-Slavic).

AVAILABLE: Library of Congress

Card 2/2

86761  
S/120/60/000/006/037/045  
E041/E335

9,7500

AUTHORS: Zabiakin, G.I. and Zamriy, V.N.

TITLE: Transistor Decade Counter

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 6,  
pp. 126 - 127

TEXT: The principle is that due to E.L. Kemp (Ref. 1). Pulses from the output of the first trigger pass through a control circuit either to the input of the second or the input of the fourth trigger, depending on the state of the control circuit. In the circuit of Fig. 1 the control gate uses the ultra-reliable diode-transformer arrangement. Saturated triggers are used with transistors of the П13 (P13), П14 (P14) and П15 (P15) type. All resistors are of the 10% tolerance class. The transformers are wound on two 7 mm diameter oxifer-1000 rings with 0.1 mm dia wire. Tr<sub>1</sub> and Tr<sub>2</sub> have 40:25 turns. Tr<sub>3</sub> has 40:40 turns. All the diodes are A1B (D1V) and A2B (D2V). The circuit of Fig. 1 is based on П16 (P16) and P15 transistors with emitter-follower buffer stages. The

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S/120/60/000/006/037/045  
E041/E335**Transistor Decade Counter**

resolving time is 2.5  $\mu$ s. Maximum counting rate is more than 300 kc/s. For an 0.3  $\mu$ s input pulse the amplitude may vary  $\pm 40\%$  about 5 V. The operation has been proved over the temperature range +16 to +52  $^{\circ}$ C. Such counters have been incorporated in a self-contained instrument by adding before them a shaping circuit to accept pulses of either polarity (2 - 12 V,  $> 0.1 \mu$ s) and after them a mechanical counter, type C6-JM (SB-1M). The capacity is 10<sup>5</sup>, the power

consumption 10 VA, dimensions 120 x 180 x 185 mm, weight 4 kg. Substitution of the drift transistor M401 (P401) in the first stage improves the resolving power to a few tenths of a  $\mu$ s. B.N. Kononova is thanked for his interest in the work.

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S/120/60/000/006/037/045  
E041/E335

Transistor Decade Counter

There are 1 figure and 4 references: 3 Soviet and  
1 non-Soviet.

ASSOCIATION: Ob'yedinennyi institut yadernykh issledovaniy  
(Joint Institute for Nuclear Research)

X

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86761

S/120/60/000/006/037/045  
E041/E335

## Transistor Decade Counter

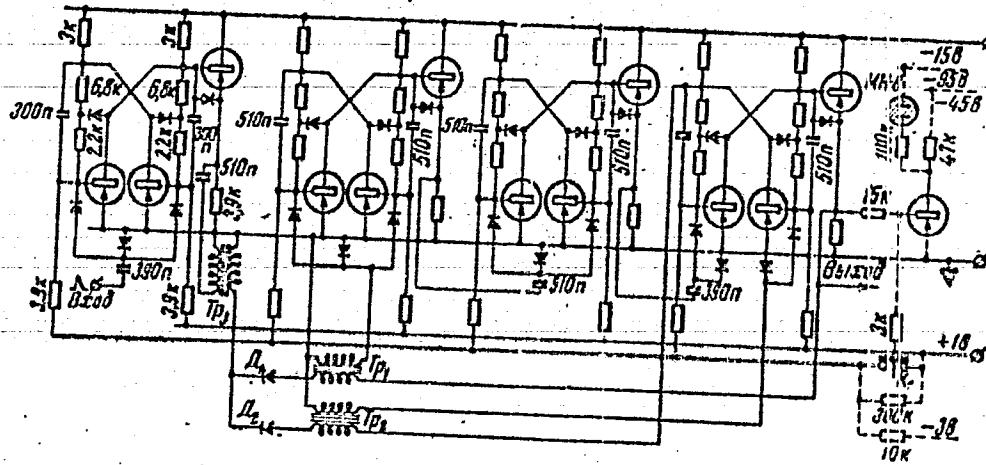
SUBMITTED: September 30, 1959  
Card 4/4

Рис. 1. Схема пересчетной декады.

ZAPRIYAKIN, G. I., SHIBAYEV, V. D., SHTRANIKH, I. V., and DYUKOV, G. P.

"Multichannel Recording Systems on Magnetic Tape with Averaging of Statistical Data"

Joint Institute of Nuclear Research, Dubna, USSR

report submitted for the IAEA conf. on Nuclear Electronics, Belgrade, Yugoslavia  
15-20 May 1961

ZABIYAKIN, G. I., KARZHAVINA Ye. N., PIKELNER, L. B., POPOV, A. B.,  
SHARAPOV, E. I. YAZVITSKIY, Y. S., VIZI, I., ZHUKOV, G. P.

"Liquid Scintillation Detectors for Registering Neutrons."

Joint Institute for Nuclear Research, Dubna, USSR.

report submitted for the IAEA conf. on Nuclear Electronics, Belgrade, Yugoslavia

15-20 May 1961

BROVCHENKO, V.G.; ZABIYAKIN, G.I.

International conference on nuclear electronics in Belgrad in 1961;  
review of reports. Frib.i tekhn.eksp. 7 no.1:202-206 Ja.-F '62.

(MIRA 15:3)

(Electronic apparatus and appliances)(Nuclear physics)

ACCESSION NR: AR4022435

S/0058/64/000/001/A028/A029

SOURCE: RZh. Fizika, Abs. 1A269

AUTHORS: Zhukov, G. P.; Zabiyakin, G. I.; Radionov, K. G.; Shabayev, V. D.; Shtranikh, I. V.

TITLE: Multidimensional registration system

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2. Ch. 2. M., Gosatomizdat, 1963, 115-122

TOPIC TAGS: multidimensional registration system, intermediate memory storage, ferrite core memory, magnetic tape memory, pulse height spectrum, visual estimate of spectrum, data readout to computer

TRANSLATION: A multidimensional registration system is considered, in which the pulses that carry the information are memorized in the

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ACCESSION NR: AR4022435

intermediate memory as they are received. After the end of the experiment, the information is processed and sorted out by channels. The sorting unit is a 1024-channel analyzer with ferrite-core memory. The intermediate memory employs a 35-mm magnetic tape, on which 25 tracks are recorded simultaneously. With 25-track recording, the total number of memory channels can reach  $32 \times 10^6$ . The intermediate memory block includes an equalizing unit with five memory elements, which reduces the effective value of the instrument dead time to 80--100 microseconds. The program for reducing the experimental data makes it possible to monitor the preliminary results of the measurements by extraction of eight 128-channel pulse-height spectra. After visual estimate of the spectra, the information is fed by cable directly to a "Kiev" computer. Yu. Semenov.

DATE ACQ: 03Mar64

SUB CODE: CP, SD

ENCL: 00

Card 2/2

ACCESSION NR: AR4032156

S/0058/64/000/002/A017/A017

SOURCE: Ref. zh. Fiz., Abs. 2A180

AUTHORS: Dorofeyev, V. A.; Zabiyakin, G. I.; Zamriy, V. N.; Mar-komenko, V. I.; Semashko, V. I.; Tuleyav, B. P.; Chernyy, A. V.; Shibayev, V. D.

TITLE: Automatization of the reduction of measurement results

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 4. M., Gosatomizdat, 1963, 7-14

TOPIC TAGS: measurement results, data reduction, computer data re-duction, computer data insertion, computer memory, direct coupling data insertion, rigid coupling free coupling

TRANSLATION: Problems are discussed involved in the automatization of the reduction of the experimental data obtained in multichannel

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ACCESSION NR: AR4032156

analyzers, multicounter systems (hodoscopes), and bubble chambers. It is concluded that it is most sensible to employ for this purpose the existing universal digital computers, capable of solving all mathematical problems. The most rational method of inserting the information is by direct coupling. An analysis based on estimates of the insertion of information into different units of a universal computer is shown that a system in which a large number of experimental data are inserted into the magnetic memory of the computer is among the most advantageous. Two possible coupling variants are considered: "rigid" coupling, when the information is inserted into the memory with the aid of the electronic units of the computer, and "free" coupling, when the information insertion does not depend on the state of the computer, but additional electronic apparatus is used for this purpose. The most promising and advantageous is the "free" coupling. The information is recorded on magnetic tape in this case in the form selected for the given type of computer. This makes it possible to accumulate the experimental data over a

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ACCESSION NR: AR4032156

long time without tying up the computer at the same time, and to process the experimental data without any insertion operations, by direct access to the magnetic memory. Specific features of automated insertion of experimental data into a computer are discussed.  
L. I.

DATE ACQ: 31Mar64

SUB CODE: CP, SD

NNCL: 00

Card 3/3

ZHUKOV, G.P.; ZABIYAKIN, G.I.; SHIBAYEV, V.B.

Many-track magnetic tape recording for pulse-height analysis.  
Prib. i tekhn. eksp. 8 no.6:66-72 N.D. '63. (MIMA 17:6)

1. Ob'yedinennyj institut yadernykh issledovaniy.

ZABIYAKIN, G.I.; OSOSKOV, G.A.

Characteristics of multichannel recording devices with  
intermediate memory in pulsed operation. Prib. i tekhn.  
eksp. 8 no.6:73-77 N-D '63. (MIRA 17:6)

1. Ob'yedinennyj institut yadernykh issledovaniy.

ZABIYAKIN, G.I.

Symposium on Nuclear Radio Electronics. Prib. 1 tekhn. eksp.  
9 no.2:188-190 Mr-Ap'64. (MIRA 17:5)

1. Ob"yedinennyi institut yadernykh issledovaniy.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3

ZHUKOV, G.F.; ZHURAVLEV, B.Ye.; ZABIVAKIN, G.I.; ZAMRIY, V.N.

Center for neutron spectrometry. Prib. i tekhn. eksp. 9 no.6:  
34-38 N-D '64. (MIRA 12:3)

1. Ob'yedinennyj institut yadernykh issledovaniy.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3"

L 08332-67 EWT(d)/EWP(1) IJP(c) BB/GG  
ACC NM AR6033767 SOURCE CODE: UR/0058/66/000/007/A029/A029

AUTHOR: Zabiyakin, G. I. Zamriy, V. N. 41,

TITLE: Device for transmission of experimental information into a computer

SOURCE: Ref. zh. Fizika, Abs. 7A255

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po vadem. radiotektron. T. 3. Ch. 1. M., Atomizdat, 1965, 100-109

TOPIC TAGS: computer, computer input unit, computer output unit, computer component, computer storage device, multichannel analyzer

ABSTRACT: A description is given of a transmitting device which reads out and transmits the results of measurements automatically and directly from multichannel analyzers to computer input units.<sup>16</sup> This device also insures autonomous data recording in one of its storage units. The instrument transforms incoming information into a form convenient for transmission and feeding into the computer input unit. A summation of the data transmitted is provided for in order to control the operation of the device. The control sum is transmitted for comparison into the input unit after interrogation of all specified analyzer channels. Information is transmitted as a sequence of code pulses along a communication line over one km long. For the

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L 08332-67

ACC NR AR6033767

sake of processing speed and convenience, the data are transmitted together with the service code. A block diagram of the unit, temporary diagrams characterizing the unit sequence, and the schematic diagram of the code transformation and summation are presented.  
[Translation of abstract]

SUB CODE: 09/

Card 2/2 net

ACC NR: AR6033087

SOURCE CODE: UR/0271/60/000/008/B035/B035

AUTHOR: Zhukov, G. P.; Barilko, Sh. I.; Zabiyakin, G. I.; Kim Gen' Chu';  
Li Min Ven'; Tishin, V. G.; Shibayev, V. D.

TITLE: Magnetic tape analyzer

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs.  
9B265

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radioelectron.  
T. 3, Ch. 1. M., Atomizdat, 1965, 197-207

TOPIC TAGS: magnetic analyzer, magnetic recording tape, computer memory,  
storage device

ABSTRACT: The block-diagram of a multidimensional magnetic analyzer with  
magnetic tape recording is investigated. Binary codes which characterize the  
investigated event are simultaneously recorded in the recorder on 20 tracks of an  
evenly moving magnetic tape. The recorder contains an intermediate memory  
computer, a recording and readout device, a controlling storage device with an  
oscillographic indicator and a device for selecting information during readout.

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UDC: 681.142:621.374.32

ACC NR: AR6033987

Information is delivered to the input of the intermediate memory in the form of a parallel binary code. The controlling storage device is designed to control the regularity of the analyzer's operation. It possesses a recording cycle of 12  $\mu$ sec over 512 recording channels. In order to realize a time-amplitude analysis with a large number of channels, the recorder has its own amplitude and time coding units. Three illustrations. Bibliography of 3 titles. [Translation of abstract]

SUB CODE: 09/

Card 2/2

ACC NR: AP6013501

UR/0120/66/000/002/0081/0035

AUTHOR: Zhuravlev, B.Ye.; Zabiyakin, G.I.

ORG: Joint Institute for Nuclear Studies, Dubna (Ob"edinennyj institut yadernykh issledovaniy)

TITLE: Registration system with a digital computer for multichannel analysis

SOURCE: Pribory i tekhnika eksperimenta, no.2, 1966, 81-85

TOPIC TAGS: data processing system, data storage system, data processing system design, magnetic recording system, computer, computer storage device

ABSTRACT: This paper discusses design of a data processing system adapted for the storage and analysis of experimental data produced by physical measurement centers. The main topic is the integration of two basic subsystems: 1) a fast access time magnetic memory system with a large storage capacity, autonomous address and digital registers and a fixed access program and 2) - a digital computer with a flexible memory system. A schematic block diagram of the system is shown. Access priority assignment; relationships between multichannel mode data processing speed and memory access time; and time sharing aspects are discussed. Optimum utilization of the magnetic memory storage volume is considered. Orig. art. has: 1 figure, 3 formulas and 3 tables.

SUB CODE: 09/ SUBM DATE: 16Mar65 / ORIG REP: 004/ OTH REP: 003

Card 1/2

UDC: 681.142.4

ZABIYAKIN, G.I.; ZAMRIY, V.N.; SEMASHKO, V.I.

Automatic system for transmitting information from multiple-wave analyzers to a computer. Prlb. i tekhn. eksp. 9 no.41  
139-143 J1-Ag '64. (MIRA 17:12)

1. Ob'yedinennyj institut yadernykh issledovaniy.

ZABIYAKIN, P.N.

Grafting

Reciprocal influence between stock and scion Est. v shkole No. 3, 1952

Monthly List of Russian Acquisitions, Library of Congress, September 1952 Unclassified

ZABIVAKIN, P.N., uchitel' sredney shkoly (selo Kukharivka, Krasnodarskiy kray)

Trip to the lime kiln of a collective farm. Khim. v. shkole 16  
no. 1:66 Ja-F '60. (MIRA 14:1)  
(Chemistry—Study and teaching)

VISHNEVSKIY, Eduard Vladimirovich; ZABIIAKIN, Vyacheslav Petrovich;  
KUZNETSOV, N.A., red.; VORONIN, K.P., tekhn. red.

[Transducers in the automatic control networks used in technological  
processes in ore dressing plants] Datchiki v skhemakh avtomatizatsii  
tekhnologicheskikh protsessov obogatitel'nykh fabrik. Moskva, Gos.  
energ.izd-vo, 1961. 111 p. (Biblioteka po avtomatike, no.43)  
(MIRA 14:12)

(Transducers) (Ore dressing—Electronic equipment)  
(Automatic control)

ZABIVAKO, A.V. [Zabivako, A.V.], nauchnyy rabotnik; TOPOL'SKIY, V.A.  
[Topol'skiy, V.A.], nauchnyy rabotnik

Combination planter for vegetable seeds and fertilizers. Mekh. sil'  
(MIRA 12:6)  
hosp. 10 no.4:11-12 Ap '59.

1.Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i  
elektrifikatsii sel'skogo khozyaystva.  
(Planters (Agricultural machinery)) (Vegetable gardening)

ZABIVAKO, A.V. [Zabivako, A.V.], nauchnyy rabotnik; TOPOL'SKIY, V.A.  
[Topol's'kiy, V.A.], nauchnyy rabotnik

Combination planter for vegetable seeds and fertilizers. Mekh. sif'  
nosp. 10 no.4:11-12 Ap '59. (MIRA 12:6)

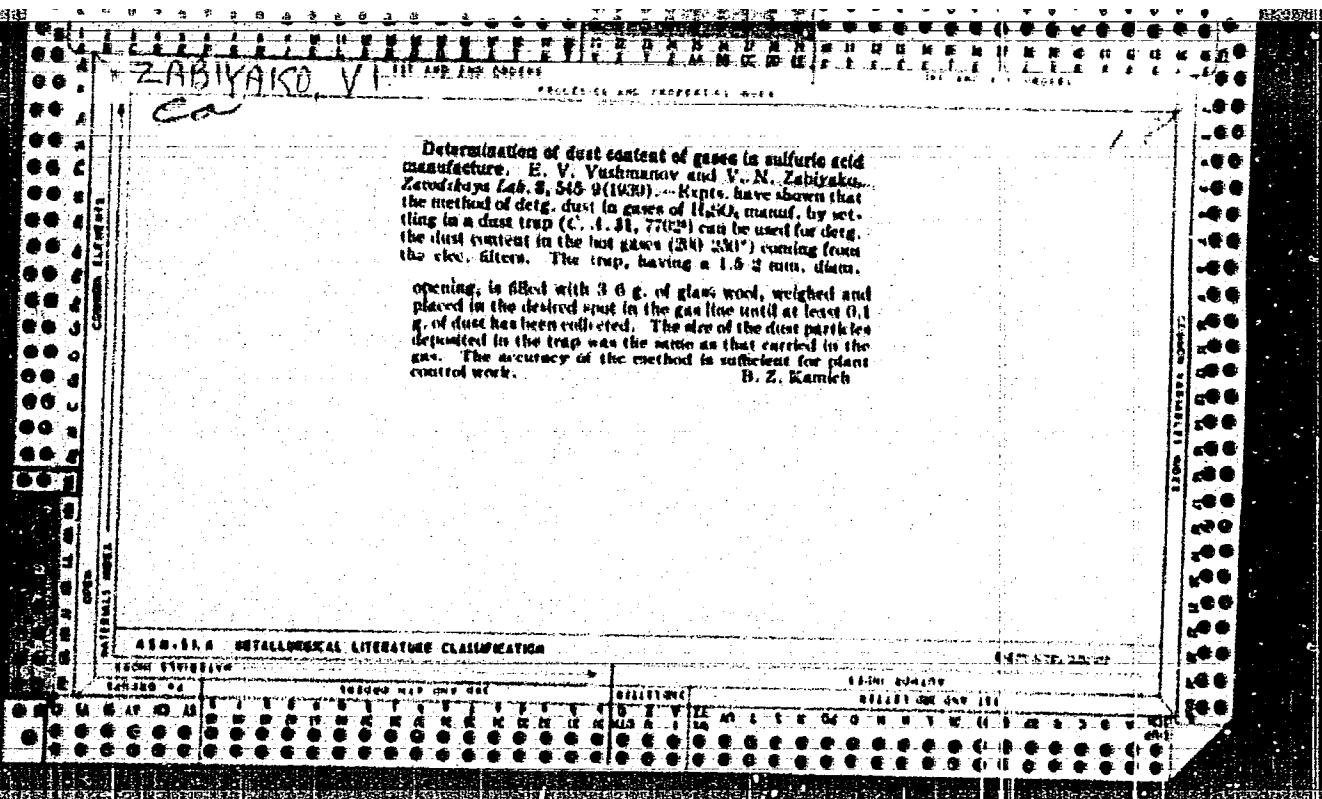
1.Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i  
elektrifikatsii sel'skogo khozyaystva.  
(Planters (Agricultural machinery)) (Vegetable gardening)

ZABYAKO, A.V.

BOROSHOK, L.A., naukovii spivrobittnik; ZABYAKO, A.V. [Zabiiako, A.V.],  
naukovii spivrobittnik

Transporter for workers while thinning sugar beets. Mekh. sil'.  
hosp. 9 no.2:31-32 F '58. (MIRA 11:3)

1.Ukrains'kiy naukovo-doslidniy institut mekhanizatsii sil's'kogo  
gospodarstva. (Farm equipment) (Sugar beets)



ACCESSION NR: API044897

S/0032/64/030/001/1084/1085

AUTHOR: Zabiyako, V. I.

TITLE: Spectral determination of impurities in crystalline boron

SOURCE: Zavodskaya laboratoriya, v. 30, no. 9, 1964, 1084-1085

TOPIC TAGS: boron, impurity content, spectral determination

ABSTRACT: The procedure for determining the impurities Al, Fe, Si, and Mg in crystalline boron by the spectral method is presented. The specimen is prepared by dissolving 100 mg of the boron sample in 3 ml of nitric acid (1.38) and 8 ml of sulfuric acid (1.83) and heating for 30 min in a quartz flask covered by a ground stopper with a reflux condenser. After cooling the condenser is rinsed with distilled water and the solution is transferred to a platinum cup where it is evaporated to about 1 ml. The boron is removed by adding 10 ml of methyl alcohol and evaporating dry. To the residue 100 mg of potassium sulfate is added and dissolved in distilled water. The solution is heated to boiling and ammonia is added. After evaporation the ammonia salts are removed by heating and the residue is roasted for 30 min at 700°. After cooling the residue is ground and placed in the cavity of a carbon electrode from which the arc spectrum is

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ACCESSION NR: AP4044897

obtained in the usual manner. By investigating samples with known amounts of impurities, it was found that concentrations of 0.005 - 0.10% of Al, Fe, Si, and Mg can be determined to an accuracy of less than 30%. Orig. art. has 2 tables.

ASSOCIATION: Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut (Ural Scientific Research Chemical Institute)

SUBMITTED: OO

ENCL: 60

SUB CODE: MM

NO REF SOV: 001

OTHER: OOO

Card 2/2

ZABIYAKO, V.I.; SALTYKOVA, M.B.

Determination of the content of aluminum in cryolite and  
aluminum fluoride. Zav. lab. 29 no.6:652-653 '63.

(MIRA 16:6)

1. Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut.  
(Aluminum Analysis) (Cryolite)  
(Aluminum fluoride)

ZABKA, Alexander, promovany geolog

Let us not be too late! Geol pruzkum 5 no.10:311-312 0 '63.

1. Geologicky prieskum, n.p., Zilina, usek Bratislava.

ZABKA, Alexander, promovany geolog

How to proceed in an experimental clinker calcination?  
Geol pruzkum 6 no. 3:83-84 Mr '64.

1. Geologicky priskum National Enterprise, Zilina, usek  
Bratislava.

ZABKA, Alexander, promovany geolog

Tasks of geology in the development of agricultural production. Geol  
pruzkum. 5 no.9:257-258 S '63.

1. Geologicky prileskum, n.p., Zilina, usek v Bratislave.

COUNTRY	:	Czechoslovakia	D
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 85852
AUTHOR	:	Zabka, A.; Zabkova, M.	
INST.	:		
TITLE	:	The Occurrence of Asphalt and Its Impregnation in the Central Part of Western Carpathians	
ORIG. PUB.	:	Geol. prace. Zpravy. SAV, 1958, No 14, 158-164	
ABSTRACT	:	Brief consideration, on the basis of the literature and in part on the basis of experimental data, of primary and secondary deposits of asphalt. A correlation is noted between the magnitude of its content and the nature of the enclosing rocks. -- R. Khmel'nitskiy.	
CARD:			

55'

ZAPKA, A.

A new universal compass for the determination of mineral deposits, to serve  
as an aid for terrain geologists. p. 121.  
(Geologicky Sbornik, Vol. 8, no. 1, 1957. Bratislava, Czechoslovakia)

EO: MONTHLY List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

ZABKA, A.; ZABKOVA, M.

GEOGRAPHY & GEOLOGY

Periodicals: GEOLOGICKE PRACE, ZPRAVY No. 14, 1958

ZABKA, A.; ZABKOVA, M. Occurrence of asphalt and asphalt impregnations in the rocks of the central part of the Western Carpathians. p. 158

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

ZABKA, F.

An injector cooled by fuel for high-compression engines. Tr.  
from the German. p. 263. MOTORYZACJA, Warszawa. Vol. 10, no. 9,  
Sept. 1955.

SOURCE: East European Accession (ERAL) Library of Congress  
Vol. 5, no. 8, August 1956.

EXCERPTA MEDICA Sec 11 Vol 9/4 O.R.L. Apr 56

689. ZAPKA J. Otolaryngol. Klin. Karlovy Univ., Praha. "Některé chorobné stavby stenonova vývodu v sialografickém obrazu. The radiographic appearance of some pathological conditions of the parotid duct ČSL. OTOLARYNG. 1955, 4/4 (243-249) Illus. 8"

ZABKA, J.

FLUSSER, J; CHVOJKOVA, V; STASEK, V; SKACH, M; ZABKA, J; BALIK, J.

Mucous membrane manifestations in iron deficiency. Cas. lek.  
cesk. 89 no.50:1410-1414 15 Dec 50. (CIML 20:4)

1. Of the Third Internal Clinic (Head--Prof. Josef Charvat).
2. Of the Radiological Clinic (Head--Prof. Vaclav Svab).
3. Of the Second Stomatalogical Clinic (Head--Prof. Fr. Kewirt).
4. Of the Otolaryngological Clinic (Head--Prof. A. Precechek).
5. Of the First Eye Clinic (Acting Head--Docent M. Dienstbier).

ZABKA J.

BRACHFELDOVA, J., MUDr; HAVLUJOVA, J., MUDr; ZABKA, J., MUDr

Parotitis recidivans in children. Cas. lek. cesk. 93 no.31-32:  
841-844 6 Aug 54.

1. Ze IV. detske kliniky prof. Dr F. Blazka a z otolaryngologicke  
kliniky prof. dr A. Presechela.  
(MUMPS,  
recur. forms)

VODA, Jiri, inz.; ZABKA, Milan, inz.

Loosening the frozen earth by explosives. Inz stavby 11 no.8:  
291-293 Ag '63.

1. Vyskumny ustav stavenictva, Bratislava (for Voda). 2. Zapado-slovenske kamenolomy a strkopisky, Bratislava (for Zabka).

CIBULA, Julius; ZASKA, Radoslav

Technical and economic evaluation of the Barin and block  
methods of electric arc furnace lining. Slevarenstvi  
12 no. 3: 108-109 Mr '64.

1. Strojaren Piesok.

ZABKAR, A.

"Introduction to higher mathematics and its application" by E. Asmus.  
Reviewed by A. Zabkar. Rud met zbor no.2:178 '62.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3

ZABKAR, A.

"Method of the smallest squares in modern representation" by J.W.  
Linnik. Reviewed by A. Zabkar. Rud met zbor no.2:174-175 '62.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3"

ZABKAR, A.

"Modern mathematics for the use of physicists and engineers" by Marc Blan-Lapierre. Pt. 1. Reviewed by A. Zabkar. Rud met zbor no.2:168-169 '62.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3

ZABKAR, A.

"On the stability of differential equations" by V.S.Rjabinik  
[Ryaben'kiy, Viktor Solomonovich] and A.F.Filipow [Filipov, A.F.].  
Reviewed by A.Zabkar. Elektr vest 29 no.8/10:229-230 '61.

APPROVED FOR RELEASE: 03/15/2001

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by R.Rothe. Vol. 1. 19th ed. Reviewed by A.Zabkar. Elektr  
vest 29 no.8/10:239 '61.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320004-3

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by A.Zabkar. Elektr vest 29 no.8/10:240 '61.

APPROVED FOR RELEASE: 03/15/2001

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by A. Zabkar. RUD mat zbor no.3:283 '62.

APPROVED FOR RELEASE: 03/15/2001

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by A. Zbeachke. Vol. 3. Reviewed by A. Zabkar.  
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kart obzor 9 no. 10: 269-276 O '65

1. Katedra geodezie Technickaj university, Drazdany  
(for Werner).
2. Ustav geodesie a kartografie, Bratislava (for Zabkayova).

ZABKO-POTOPOWICZ, Antoni

Geography of forestry. Przegl geogr 34 no.4:781-784 '62.

COUNTRY : Poland  
CATEGORY : Forestry. General Problems.  
K  
ABS. JOUR. : Ref Zhurh-Biologiya, No. 1, 1959, No. 1437  
AUTHOR : Zabko-Potopowicz, Antoni  
INST. : Not given  
TITLE : Forests and Forestry in Polish Lands in the  
First half of the XIXth Century.  
ORIG. PUB. : Sylwan, 1956, 100, No.7, 58-87  
ABSTRACT : No abstract

CARD: 1/1

ZABKO-POTOPOWICZ, A.

"Review of the development of our forests" by Dr. Józef  
Nozicka. Reviewed by A. Zabko-Potopowicz. Sylwan 104,  
no.3:93-94 Mr. '60.

ZABKO-POTOPOWICZ, Antoni

"History of forestry writings in Poland until 1939" by Antoni  
Zabko-Potopowicz. Author's reply to a critical review. "Sylwan" 56  
no.1:87-89 Ja-F '62.

ZABKO-POTOPPWICZ, A.

The history of geography of agriculture before World War I. p. 33.  
Vol. 28, no. 1, 1956 Warszawa  
PRZEGLAD GEOGRAFICZNY

SOURCE: East European Accession List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956

ZABKOWICZ, Wladyslaw, mgr inz.

Certain design problems of measuring systems for aircraft flight  
tests. Pt.2. Techn l<sup>n</sup> 19 no.4:86-87 Ap '65.

ZABKOWICZ, Wladyslaw, mgr inz.

Certain problems in designing measuring systems for testing aircrafts  
in flight. Pt.1. Techn lotn 20 no.3:67-73 Mr. 65.

COUNTRY	:	Czechoslovakia
CATEGORY	:	
ABS. JOUR.	:	RZKhim., No. 1959, No. 85852
AUTHOR	:	Zabka, A.; <u>Zabkova, M.</u>
INST.	:	
TITLE	:	The Occurrence of Asphalt and Its Impregnation in the Central Part of Western Carpathians
ORIG. PUB.	:	Geol. prace. Zpravy. SAV, 1958, No 14, 158-164
ABSTRACT	:	brief consideration, on the basis of the literature and in part on the basis of experimental data, of primary and secondary deposits of asphalt. A correlation is noted between the magnitude of its content and the nature of the enclosing rocks. -- R. Khmel'nitskiy.
CARD:		55

ZABKOV, F.Ye.

The October Revolution Plant in the present seven-year plan. Stek.  
i ker. i9 no.1:36-38 Ja '62. (MIRA 15:3)  
(Glass factories)

ZABKOVA, M.

GEOGRAPHY & GEOLOGY

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ZABKA, A.; ZABKOVA, M. Occurrence of asphalt and asphalt impregnations  
in the rocks of the central part of the Western Carpathians. p. 158

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5  
May 1959, Unclass.

ZABKOVA, V.L.

~~Botulism in a 10-year-old girl. [with summary in English]~~  
Pediatriia 36 no.5:78-79 Ky '58

(ИИРА 11:6)

1. Iz infektsionnogo otdeleniya (zav. - prof. M.Ye. Sukhareva) kafedry pediatrii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - prof. G.N. Speranskij) na baze bol'ničay imeni S. P. Botkina (glavnnyj vrach A.N. Shabanov).  
(BOTULISM)

ZABKOWSKA, W.

Kmetijska Zadruga, p. 3.  
(POLSKA SPOŁDZIELCZA. Vol. 9, no. 31, July 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) L. Vol. 6, no. 12, Dec. 1957.  
Uncl.

ZABLOCKI, B., Kotulka, K., Goscicki, W.

Antigenic fractions isolated from streptococci of group A and their serological properties. p. 163.  
(BULETEN. Vol. 4, no. 1, 1956. Warsaw, Poland)-

SO: Monthly list of East European Accessions (EEL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

ZABIAKTI, B.

Application of five new antigenic fractions isolated from streptococci in rheumatic arthritis in urological investigations. p. 167.  
(BULLETIN. Vol. 6, no. 5, 1950, Warsaw, Poland)

S0: Monthly List of East European Accesstions (EPA) 12. Vol. 6, no. 10, Dec. 1957.  
Uncl.

ZABLOCKA, B.

MEDUSKI, J.; MANDYS, Z.: ZABLOCKA, B. KOZARZEWSKA-SAPER, B.

Hypoglycemic properties of Polish insulin. Acta physiol. polon.  
5 no.4:639-640 1954.

1. z Oddziału Przemiany Pośredniej P.Z.H. i z Zakładu Farmakologii  
Akademii Medycznej w Warszawie.  
(INSULIN.)

ZABLOCKA, B.

POLAND/Human and Animal Physiology (Normal and Pathological).  
Hypophysis. T-7

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74935

Author : Mandes, Z., Szreniawski, Z., Zablocka, B.

Inst \* : -

Title : Influence of Somatotropine on the Growth of Rats and on  
the Glycosuria.

Orig Pub : Acta physiol. polon., 1955, 6, No 1, 107-114.

Abstract : 0.3 mg of a growth hormone was introduced into adult rats  
for 15 days. Average weight increase 34 g (increase in  
comparison with control 3.6 times), with the introduction  
of 1 mg the increase averaged 38.7 g. There was no gly-  
cosuria.--From resume of author.

\* Z ZAKŁADU FARMAKOLOGII DOSWIADCZALNEJ A.M. w WARSZAWIE.  
Kierownik: PROF. DR. P. KUBIKOWSKI.

Card 1/1

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MANDES, Zofia; ZABLOCKA, Barbara

Pancreatic hypoglycemic factor glucagon. Acta physiol. polon.  
7 no.1:93-105 1956.

1. Z Zak. Farm. Doswiad. A M w Warszawie Kier. prof. dr. P.  
Kubikowski.

(PANCREAS, hormones,  
glucagon. (Pol))

POLAND/General Problems of Pathology - Tumors. Comparison  
Oncology. Human Neoplasms.

U

Abs Jour : Ref Zbir Biol., No 1, 1959, 4263

Author : Chlebowski, J., Komiczynski, L., Zablocka, I.

Inst :

Title : Primary Erythroblastosis.

Orig Pub : Polskie arch. med. wewnetrz, 1957, 27, No 4, 533-540

Abstract : A brief survey of the section of the pathogenetic main points and clinical classification of erythroblastosis, and also a description of a case of subacute erythroblastotic myelosis in a patient 62 years old. The disease lasted 4 months. Only mature erythroblasts were found in the peripheral blood; young forms appeared only during the terminal period. Also unusual was the gradual decrease of the number of myeloid elements with the development of a granulocytosis. -- F.L. Mayzil'

Card 1/1

- 48 -

ZABIOCKA, Irena

Anemia in pregnancy. Polski tygod. lek. 14 no.18:830-832 4 May 59.

1. (Z II Klin. Chor. Wewn. A. M. im. J. Marchlewskiego w Białymostku; kierownik: prof. dr med. J. Chlebowski). Adres: Białystok, ul. Piwna 25 II Klinika Chorob Wewnętrznych A.M.

(PREGNANCY, compl.

anemia (Pol))

(ANEMIA, in pregn.

(Pol))

WASILEWSKA, Alina; ZABLOCKA, Irena

A case of agranulocytosis after pyramidon administration. Polscy  
tygod. lek. 14 no.19:865-867 11 May 59.

l. Z II Klin. Chor. Wewn. AM im J. Marchlewskiego w Białymostku;  
kierownik: prof. dr J. Chlebowski. Adres: Białystok, II Klin. Chor.  
Wewn. A. M.

(AMINOPYRINE, inj. eff.  
agranulocytosis, case report (Pol))

(AGRANULOCYTOSIS, etiol. & pathogen.  
aminopyrine, case report (Pol))

ZABLOCKA, Irena; ZOMER, Jadwiga, Białystok.

Melanoma of the stomach. Przegl.lek. Krakow 11 no.9:262-264 1955.

1. z II Kliniki Chorob Wewnętrznych A M w Białym. stoku. Kierownik: Prof.dr med. J.Chlebowski; i z Zakładu Anatomii Patologicznej A M w Białymstoku. Kierownik: Doc.dr med. L. Komczynski.

(STOMACH, neoplasma  
melanoma, differ.diag.)

(MELANOMA,  
stomach, differ. diag.)

ZABLOCKA, Irena

Reversion of erythrocytic hemolysis in healthy subjects.  
Pol. tyg. lek. 20 no. 27:1014-1017 5 Jl '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Białymostku (Kierownik: prof. dr. J. Chlebowski).

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Hemolytic reversion of the red blood cells in some pathological conditions. Pol. tyg. lek. 20 no.35:1315-1316 30 Ag '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Białymostku (Kierownik: prof. dr. J. Chlebowski).

CHLEBOWSKI, Jakub; KALICINSKI, Andrzej; KOWAL, Edmund; ZABŁOCKA, Irena

A case of Waldenstrom's macroglobulinemia. Contribution to  
the study of paraglobulinemia. Pol. arch. med. wewn. 33 no.4:  
407-412 '63.

1. Z Kliniki Chorob Wewnętrznych AM im. J. Marchlewskiego w  
Białymostku Kierownik: prof. dr med. J. Chlebowski.  
(MACROGLOBULINEMIA) (IMMUNOELECTROPHORESIS)  
(DIAGNOSIS)

ZABLOCKA, I.

CHLEBOWSKI, J.; KOMCZYNSKI, L.; ZABLOCKA, I.

Primary erythroblastosis. Polskie arch. med. wewn. 27 no.4:533-540  
1957.

J. z II Kliniki Chorob Wewnętrznych A. M. im J. Marchlewskiego w  
Białymostku. Kierownik: prof dr. med. J. Chlebowski z Zakładu Anat.  
Pat. A. M. im J. Marchlewskiego w Białymostku. Kierownik: doc. dr med.  
I. Komczyński. Adres autora: Białystok, II Klin chor. Wewn.  
(POLICYJNA WEN)  
(Pol)

ZABLOCKA, T.

POLAND / General Division, Congresses, Conventions,  
Conferences

A-4

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 18896

Author : Zablocka T.

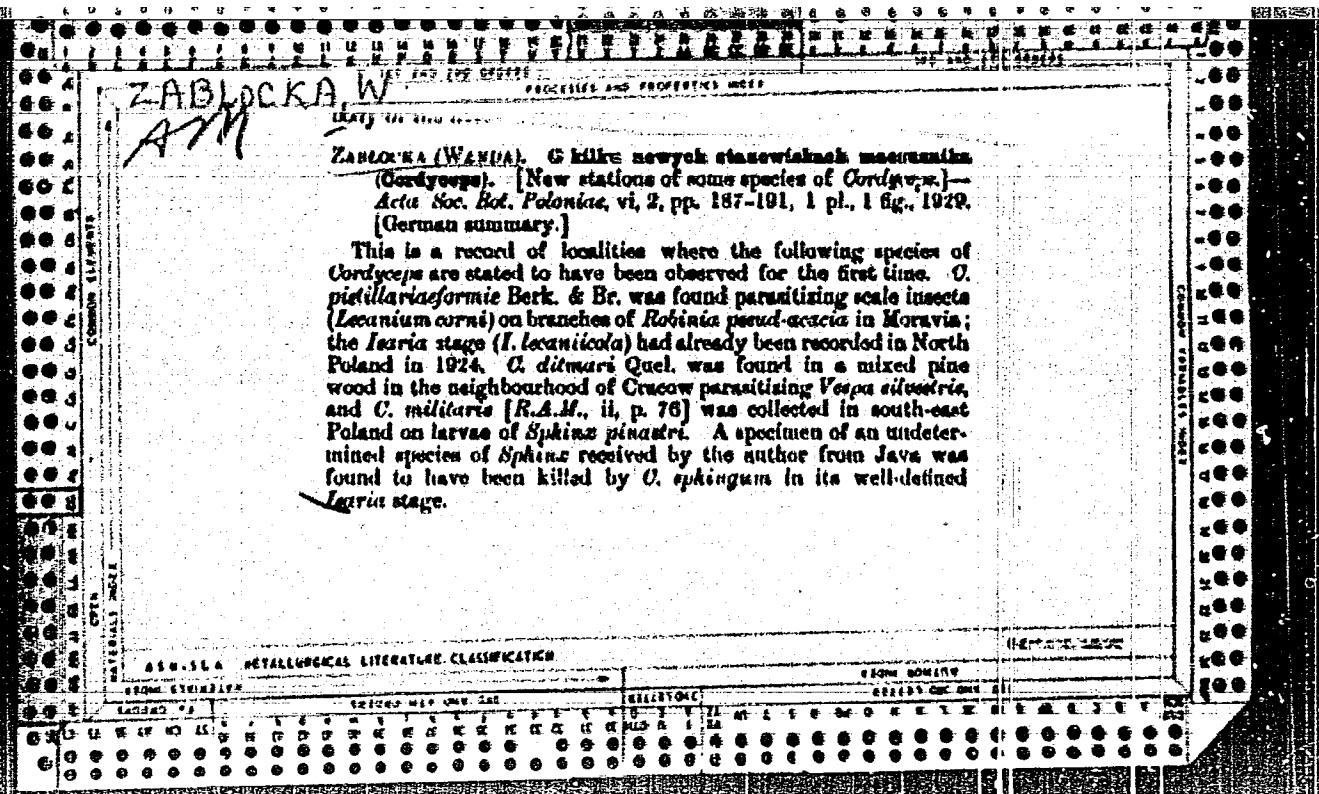
Inst : -

Title : The Scientific Conference of the Polish Society of  
Naturalists (Warsaw Division)

Orig Pub: Biol. szkole, 1957, 10, No 1, 61-62

Abstract: A survey of the conference which took place in December  
1956 on the theme of hibernation and hypothermy. Dis-  
cussed were questions of the physiology and pharmacology  
of artificial sleep and its adaptation to surgery,  
psychiatry, and pediatrics.

Card 1/1



ZABLOCKA, WANDA

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Sgt: Monthly List of East European Accessions, Vo.12, No.8, L.C., Aug. 1953. Unclassified.

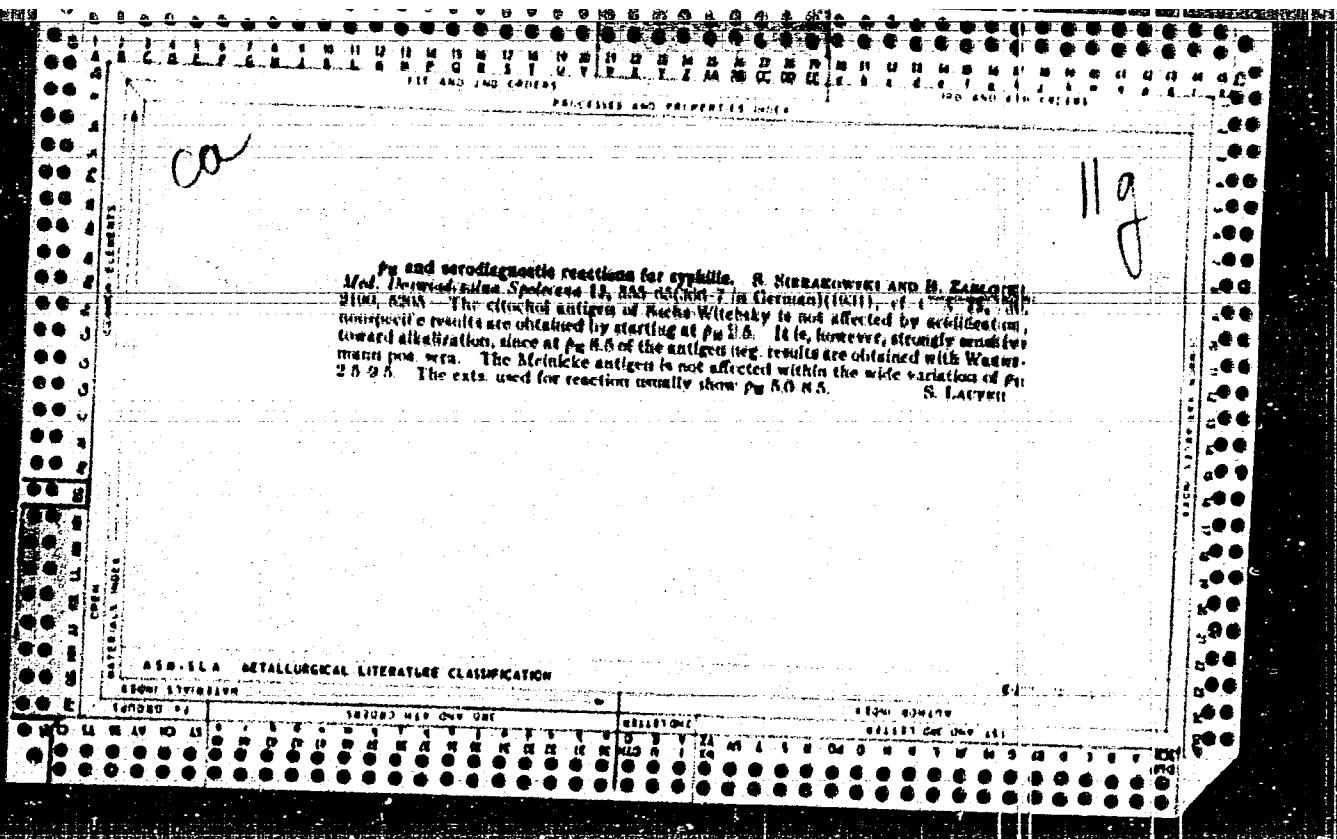
*Velocity of solution of metals in aqueous solutions of salts. III. Velocity of solution of magnesium in aqueous solution of ammonium chloride.* H. BAXTER AND B. ZABLOCHKA. *Koszukei Chem.* 10, 314-35 (1930-8) (German) (1930).—The velocity of the reaction between  $\text{NH}_4\text{Cl}$  soln. and metallic Mg was measured. The reaction const. increases in proportion to the rotational velocity of the Mg plate. The temp. coeff. of the soln. velocity per  $10^\circ$  has a high value, 1.55-1.72. On increasing the concn. of  $\text{NH}_4\text{Cl}$  the soln. velocity of Mg does not increase in proportion to the concn. of the salt, but acquires a max. value with the increase of the concn. The velocity const. depends on the concn. and increases rapidly with the film of  $\text{NH}_4\text{Cl}$ . The high temp. coeff. as well as the influence of the concn. of  $\text{NH}_4\text{Cl}$  on the velocity of the soln. process indicate that the diffusion is not the directing influence on the velocity of the entire soln. process. Therefore it must be assumed that the reaction  $\text{Mg} + 2\text{H}_2\text{O} = \text{Mg}(\text{OH})_2 + 2\text{H}_2$  does not take place with unlimited high velocity. The passive behavior of Mg can be seen in this process. The velocity of the reaction between Mg and  $\text{NH}_4\text{Cl}$  soln. is considerably lowered by the addition of  $\text{NH}_4\text{MgCl}_2$ ,  $\text{NH}_4$  acting stronger than  $\text{MgCl}_2$ . This leads to the conclusion that  $\text{NH}_4$  starts a specific retarding influence on the reaction between Mg and  $\text{H}_2\text{O}$ . (Cf. C. 4, 18, 1930.)

J. KICERA

## ANNUAL METALLURGICAL LITERATURE CLASSIFICATION

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ZABLOCKI B. Z Państwowego Zakładu Higieny. Filia w Łodzi. Wpływ czynnika przenikania na zachowanie się maczugowców błonicy w ustroju białych myszy. Influenc of the spreading factor on the behaviour of *C. diphtheriae* in the white mouse. Medycyna Doswiadczała i Mikrobiologia, Warsaw, 1949, 1/2 (217-222). Tables 4.

Experiments were carried out to elucidate the influence of the spreading factor, produced by a strain of haemolytic streptococci on *C. diphtheriae*. The streptococcus was isolated from the throat of a patient with diphtheria. The presence and activity of the spreading factor in the fluid of a three-day-old culture were the toxic effect of the streptococci culture were determined in a viscosimetric way. The d.c.l. of diph-bacilli-suspension and the toxic effect of the streptococci culture fluid were then checked on mice. One third of d.c.l. proved to give a mortality of 80% when injected in mice together blood, liver and spleen of killed mice. The virulence of *C. diphtheriae* was enhanced by the spreading factor.

Meisel - Warsaw

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

ZABLOCKI R. State Institute of Hygiene, Lodz, Poland. Wpływ niektórych substancji hydrotropowych (solusarwarsanu, neosalwarsanu, kwasu sulfosalicylowego) na przebieg swoistej aglutynacji paledzzek durowych, The influence of some hydro-tropic substances on the specific agglutination of *Salmonella typhosa*, Polski Tygońnik Lekarski, Warsaw 1949, 4/1 (17-20) Tables 3.

The influence of hydrotropic substances upon the agglutination test has been studied. To the mixtures of typhoid fever bacilli and immune rabbit serum different doses of solusalvarsan and sulphosalicylic acid were added. The sensitizing dose is 0.000025 g. of solusalvarsan per ml. and 0.00005 up to 0.00006 g. of neosalvarsan per ml. The same substances in larger doses inhibit the agglutination as for instance solusalvarsan in 0.00005 g. per ml. and sulphosalicylic acid in 0.000016 g. per ml. Beginning with 0.0002 g. per ml. the above-quoted substances cause unspecific agglutination. The author's attempt to make the Widal test more sensitive by the same procedure was not quite successful.

Zablocki - Lodz

SO: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

Zablocki B. Z Zalaski Bakteriologii U. L. Fizykochemiczna hipoteza wybiorczego umiejscowienia zarazek w ustroju Physicochemical hypothesis of the elective localization of the infective agents in the organism Polski Tygodnik Lekarski, Warsaw 1949, 4/27-28 (824-828) Tables I

The elective localization of micro-organisms in the macro-organism, as for instance of *S. typhi* in the lymphatic tissues of the small intestine, is determined by special forces which result in bacteria suspended in liquid medium coming into contact with susceptible tissues at a given spot. These forces are of a predominantly physicochemical character. Especially important is the potential difference, correlated with virulence (Falk) and suspension stability.

Makower - Wroclaw (IV, 5)

SO: Medical Microbiology & Hygiene Section IV, Vol. 3, No. 7-12

ZABLOCKI, B.

Effect of diffusion factor on the behavior of BCG bacteria in the  
organism of the guinea pig. Med.dosw.mikrob. 2 no.1:85-91 1950.  
(GLML 2015)

1. Of the Institute of Bacteriology of Lodz Medical Academy.

ZABLOCKI, B.

D.L.M. of endotoxins of certain gram-negative intestinal bacteria;  
new views on the chemical structure of endotoxins. Med. Dosw. mikrob.  
2 no.2:185-187 1950. (CML 20:6)

1. Summary of the report given at 10th Congress of the Polish Mi-  
crobiological and Epidemiological Society held in Gdansk, Sept. 1949.  
(Lodz.)